

DYNAMIC INK-JET PRINT MODE ADJUSTMENT

ABSTRACT

The present invention uses various real-time monitoring and resultant data inputs to
5 change the print mode, dynamically during print cycles. Note that as a result of real-time
monitoring and print mode adjustment, predetermined primary default print modes can be
set a higher performance level. Various feedback subsystems provide real-time information
critical to selecting specific print mode operational parameters, or "Operational Attributes."
The attributes allow the print mode to be fine tuned, dynamically, for each printer and pen
10 combination over the life of the printer. Thresholds that signal a print mode change are
defined.

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